



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

# NEWS RELEASE

---

Department of Toxic Substances Control

---

T- 07-99  
April 14, 1999  
For Immediate Release

CONTACT: Ron Baker  
(916) 324-3142  
Frank S. Simpson

## **Certification for Thermatrix Flameless Thermal Oxidizer**

**SACRAMENTO---**The California Environmental Protection Agency's Department of Toxic Substances Control today announced its final decision to certify a new environmental technology-The Thermatrix Flameless Thermal Oxidizer-under the Agency's Environmental Technology Certification program. The program validates the performance of innovative treatments and technologies that can help address some of the world's most important environmental challenges.

"This technology is demonstrative of the innovative spirit that is alive and well in California," said Cal/EPA Secretary Winston Hickox. "With an entrepreneurial spirit and commitment to improving the quality of life for our people, companies like Thermatrix continue to produce new technologies that benefit the environment and business in California and the nation."

"The DTSC Technology Certification Program continues to evaluate new technologies and certification issues. The dynamism of those technologies and DTSC's nationally-recognized program will allow the state to maintain its environmental technology leadership into the next millennium," Hickox added.

Thermatrix, developed the new technology to treat solvents like trichloroethylene (TCE) by using the thermal oxidation of gaseous contaminants pre-mixed with air, inside a ceramic matrix utilizing electrical energy. Premixing the contaminants and the air allows for rapid and effective oxidation and the patented ceramic matrix allows for effective control of the process. The certification applies to use of the new technology for low concentrations of the contaminant TCE, although it could also be used on emissions from soil remediations (cleanups) as well.

Thermatrix, located in San Jose, is a global industrial technology company that provides a range of products for the destruction or treatment of volatile organic compounds and hazardous air pollutants, including its patented flameless thermal oxidation technology to provide the world's leading flameless solution for destroying these pollutants and compounds. Thermatrix is currently focusing its development activities on the application of its FTO technology to treat emissions from diesel engines, both mobile and stationary.

DTSC's Environmental Technology Certification Program has served as a model for many other states. The California program was the product of Assembly Bill 2060 (author's name) enacted in 1994. Since the start of the California program, 25 new technologies ranging from small bioassay test kits to large industrial processes have been certified.

###

*DTSC is one of the six boards and Departments within the California Environmental Protection Agency. DTSC's mission is to protect and enhance public health and the environment by regulating the management of hazardous waste and promoting reduction.*